

" Wake up, or I'll break every bone in your The of erms n. was still very warm, but a gray fail, drifting from the Irish channel, grisa in this "colover the low-lying Island All And was be tinning to scatter a thin. penetrating drinde ca the driver of the cara-

RK

Taricat and left of the highway stretched al and lare prospect of marshland and profinel, elsed to the west by asky of everde per grobu sent relleved bereand there he had believe soi stunied woodland. Here and the price 1 a solitary farmhouse, with tends of swampy greenness, where and spectral cattle were lugubriously glam, and ever and anon came a glimpse of - Late. ly labour turn, fr hged all around with the relies, and detted with water-1. The read was as desclate as the proshe ta living soul upon it, far as remercal see. To all this, however, the er of the caravan paid little attention, stotle simple fact that he was fast

to west roused by a sudden jolting and in clamsy vehicle, combine I with of s lo L g water; and, opening his st . b. h. perceived that the gaty more haitu ... I aside from the centre of the road, - placify entered a stagment pond ther and le was flouralering and struct-. . . libere f, with the caravan ro :-1 .h .. I har. At the same moment a head " I reand the backpart of the vehicle, and a y veice exclaimed: , , a secundrel, where the devil are ti! Wake up or I'll break every

ikin." , Tim woke himself with an at Looking round with an in inuating

Mester Charles, I thou at it was the clambic entirely- Come out of that 1 Is it wanting to drownd yourself you e throat Sh! Aisy now, aisy!"

later portion of the above sentence v . Ahr s. I to the mare, which was at last I wall to wall out of the cool med and to the dusty track, where shost wilr is ingant panting. No somer was the and to tora firma a complished than a a sile fi are descended the steps at the at il en avan and ran round to the . An extied colleguy, angry on the It a dapologetic en the oth r, ensued, Lin case even when the driver, with a dof hawhip, put the carayan again in 1 don, while the other strode longside on

It was just such a caravan as 1 m7 Loscen are man r dry forming part of the comp THE E The manon with the saut face dar ground boing chet toder, ad hill-rean randings and describ it on the gers beneath; as may be obdestath I m w chorwe 'cof all ds no corglitering poser pans, moving from door to door in some sleepy country town guided by a gloomy gentleman in a elem cont and a hareshin cappandat d by a brawny harey, also mothered in valerwork or p ts and pans; as, further-La hay be deried forming part of the on of a traveling cirus, and drawn a pictabl hor ow.ich, whenever a gold ach" is found, will complete its day's labor ly performances in the ring. A cardyan of the good old Eng. h kind; with small win s, agramentally, valte muslin curtains, that ch. mey afro for the smoke to come - white githe fire indice, with a door behad been you'd with a knocker, and only I sain and replace to make it quite com-

le ; in sl. A, a le me on wheels. he dr v.c, thou h rough enough, and red with the san and wind, had nothing in comto available believery drivers of such vehicles the part of fart, he was perther a gypsy h . at a ming tink a, ner a circus performer. In the lit was some r time, he were a large if accept, the reading almost to his heels, 1 but his heida wid awake hat under eath was his last be dless, and som what s put faceshone vith indolent good hamor. In equation, Master Charles, as he was land I restill less resemblance to the Bodans of English lanes and woodlands. wa a slight, handsome, fair-haired young I do of the or three and twenty, in the to clattire of an ordinary summer tourist; t les amovement he made, every word h implied the "gentleman born." iv, at a signal from his master h wa , Tim dient rein again. By this

the sun was setting flery red, far away the tart and the thin drizzle was becom-. m - persident.

"I. tar dad they say it was to Peneroes?" "The mare is tired out, I think. We shall

Inve to map by the roadside." "Al right, Master Charles, There's a I taly shelter beyont there where you see the ts. Im added, pointing up the road with I what. The young man looked in that notes, and saw, about a quarter of a mile that the highway entered a dark will rapidly forward, while the caravan be a lalowig in his rear.

. But he; the point where the wood began and entering the shadow of the trees, he soon 1 - Ya spot well fitted for his purpose. To the the read widened out into a gra sy Find of common, adorned with one or two heles of stanted brown, and stretched out a dust; arm to touch a large white gate, which from ton a gloomy, grass-grown avenue mining right through the heart of the wood. The carnyan, coming slowly up, was soon the line was taken out and suffered Wille Tim, searching about, found the dry sticks and began to light a fire. this into the caravan the young man rethe rad with a camp-stool, on which he sat down, high sol a meerschaum pipe and began to The could hear the rain faintly pabeing in the boughs above them, but the spot the hard chosen was quite sheltered and dry. The fire soon blazed up. Entering the carhis turn, Tien brought out a tip kettle 1 11 water, and placed it on the fire, pre-

larniory to making tea. He was thusen-

gage when the sound of a horse's hours was

of the Lighway, and presently the t a horseman appeared, approrap i trot. As it came near to the it the wayside, the horse shied vio-The ing from one side of the road to T. so that its rider, a dark, middlein an old-fashioned cloak, was althen from the saddle. Uttering a they with he recovered himself, and reining fill tested animal, looked angrily then, ricing the cause of the mishe formal his horse, with no small to at preach the figures by the fire. are your he demanded, in harch,

tones. "What are you doing in 11, pipe in month, looked up 14 s are, but made no reply. a would Vagrants! Do you know Let interes def

And he pointed with his riding-whip to a printed "Notice? fixed cless to the gate upon the stem of a large fir tree. "I beg your pardon," said the young man, with the utmost song fordet; "we are, I imagine, on the queen's high ay, and there,

with your permission, we purpose to remain for the night." Struck by the superior manner of the speaker, the newcomer locked at him in some surprise, but with ro all tement of his haughty manner. He then planned at Tim, who was busy with the katile, from Tim tothe gray mare, and from the gray mare to the house on wheels. The soul on his dark face devend, and he turned his ferce eyes. again out in young man. "Let me vern you that these grounds are

private. Ira" r no wandering vagabonds to pass that gara," "May I a 'cyour name?" said the young man, in the same cool to ... and with the same

"What is my pame to you?" "Well, not much, only I should like to know the title of so very amin' lon person." The other condescend data no reply, but walked his her a toward the gate. "Here, felia !" ho (- 1, a dressing Tim, "Open this gate for no ."

"Don't stir!" said Lis master. "Let our amiable friend open the gate for himsel." With an actry etclamation the rider leaped from his saddle, a: d, s. ill holding the horse's reins, threw the gate wide open. Then, still leading his hear, he strade over toward the young man, who, I hing up, saw that he was nearly six feet high, and very powerfully built.

"My name is Monk, of Monkshurst," he said. "I' e a good mind to teach you to re-



" My name is Monk, of Monkshurst." "Don't be afrail," was the reply. "Monk, of Monkel unit! I shall be cortain not to for-"t it, Mr. Monk, of Minimust! Tim, is

the vater belling?"
The are sent Mr. Morik, as he called himsel', so mad realy to draw his rig whip throatho young man's face, but, comparing t, ... cl', he surveyed him from k alto foot with savage anger. Neiling danned, the young than returned his stare will is 'in thing very I' supreme emfempe. At la ', mattering Leman his breath, Mr. Mak turned awar, and, briding his horse into file avenue, cla dtag ja fremeured; b terenthen baciling timbe in cly depart, L. broneine l for some minutes, s atel in the salil, scowl-

ing over at the enemupment. Thus occupied, his fa e and figure set in the gloomy framework of the trees, Lo looked were more forbidding than before. His face, though naturally handsome, was dark with ampestuate passions, his eyes deep-set and flerce, his clean-shaven jaw square and determined. For the rest, his black hair, which was thickly mixel with iron gray, fell almost to his shoulders, and his upper lip was covered with an iron gray run tache. At last, as if satisfied with his scrutiny, Mr. Monk turned his home round with a fierce jerk of the rein, and row rapidly away in

CHAPTER II. LEAVESTROU A YOU'S CONTLEMAN'S JOUR-

the shedow of the worl.

NAL. "Refore setting forth on this memorable pilerima of mowhere, I promint a certain friend of mine, in literary Bohemin, to keep no es of my a hen . with a view to future publication, illu va. 1 by 1 y own brilliant sketches. I fear the promise was a ra h one-firstly, b can e I am constitutionally lazy and averse to literary exertion; and, secondly, because I have, as yet, met with no adventures worth writing about. Not that I have altogether lost my first endin lasm for the idea. There (would be nov lie in the till, at any rate, 'Crules' in a Caravan,' by Charles Brinkley, with illustrations by the cuthor; photographic fundispiece, the Caravan, with Time slarge as life, smirling selfcontriously in delight at having his pitter taken. My friend B-haspaniolity f. 1 me a public er, if I will only prove to Well, we shall see. If the look does and procress it will benti taly owa fall; f I have any amount of time on my 1 ac . Paint as hard as I may all day, I ha e a.-

wa s the long eveni , when I must either write, read or do n thing. "So I am beginning this evening, exactly a fortnight after my first start from Che ter. I purchased the caravan there from a morose individual, with one eys, who had it butt with a view to the exhibition of a Wild Len of Palag ma; but said Wild Man baving taken it into his head to return to County Cak, where he was Lora, and the morose individual having no definit idea of a novelty to take his pla e, the caravan came into the market. Having secure 1 this traveling pala e, duly furnished with window-blinds, a piece of carpet, a chair-be stend, a table, a slove, co ling u ensil, not to sortk of my own artistic paraphernalia, I seat over to Mulrany, County Mayo, for my o'd servant, Tim-na-Chainig, or Tim o' the Ferry -otherwise Tim Linney; and with his assistance, when he arriv d, I purchased a strong mare at Chester Fair. All these preliminaries ucing settled, we started one fine morning son after daybreak, duly bound for explorations along the macalamized highways and

byways of North Wales. "I am pleased to say that Tim, after he had recovered the first shock of sceing a peri patetic dwelling house, took 1) the idea wou derfully. 'Sure it's just like the ould cabin a home, he averred, 'barrie' the wheels, and the windles, and the chimley, and the baste to pull it along; and I think the resemblance

would have been complete in his eres if there and only been two or three pigs to trot mer-dy behind the back door. As for myself, I look to the nomad life as naturally as if l and never m my life been in a civilized habiation. To be able to go where one pleased, o dawdle as one pleases, to stop and sleep where one pleased, was certainly a new senution. My friends, observing my sluggish vays, had often compared me to that intersting creature, the snail; now the recenblance was complete, for I was a snail indee !, with my house comfortably fixed upon my shoulders, crawling tranquilly along.

"Of course, the caravan has its inconveniences. Inside, to quote the elegant simile of our progenitors, there is scarcely room eneugh to swing a cat in; and when my bed is made, and Tim's hammock is swung just inside the loor, the place forms the tiniest of sleeping hambers. Then our cooking arrangements are primitive, and, as Tim has no idea whatever in the culinary art, beyond being able to toil potatoes in their skins and make very d'aubt'al 'st'rabout,' there is a certain want

of variety in our repasts. "He lies the inconveniences which I have mention d, but which were, perhaps, hardly worth chronicling, the caravan has social drawbacks, man particularly emburrassing to a modest man like myself. It is confusing, for example, on entering a town, or goodsized village, to be surrounded by the entire juvenile population, who cheer us vociferously, under the impression that we constitute a 'show,' and af erward, on ascertaining their mistale, pursue us with opprobrious jeers; and it is distressing to remark that our mode of life, instead of haviding confidence, causes us

to be regarded with supposen by the virgir of the parish and the local policemen. We are exposed, moreover, to ebuilitions of burolic humor, which have taken the form of horseplay on more than one occasion. Tim has iled several fights with the WA-h peasantry, and has generally come off victorious, though on one occa ion he would have been overpowerful by numbers if A had not gone' to his assistance. Generally speaking, nothing will remains from the paral population an idea that the colavan forms an exhibition of some sort. When I sirily alight and stroll through a village, sk ic look in hand, I have invariably at my he is a long attendant train of all ages, obviously und r the impressen that In a looking for a suitable 'pach,' and am

going to 'jerform.' . "Your I the candsimilar inconveniences, we gineral'y last for the night in some seclude i spot some roadside nock or outlying commen. But there is a fatal attraction in the caravant, it seems to draw spectators, as it were, out of the very bowels of the earth. No retter lev de clate the place we have chosen, we have scarcely made ourselves comfortable when an audience gathers, and stra glasdr pin, an ard and open-in othel I found if it a meat for the paint in the open air, what a paneg crowd at my back making aud ble co that is on my wirk as it progressel; let I so n got used to it, and, having discovered confain good trai jects' here and there among my v. Lors, I take the publicity now as a matter of course. Even when busy inside I am never as mished to see strange ne s far tened against the windows -strange fa especing in at the deer. The human ten perament a customs its if to any-

"I be in this reard in the Island of Anglesea, vi ave Lare at red att rear fortni hi's vanderings in the more mountainous districts of there ainland. An plesea. I ma informed, is chiefly fa ... ons for its 1 is cold its wild ducks. So far as I have y dear and red it I find it flat and decolate eno. h; but I have been educated in Irish landscapes, and den's o' jet to fir these when combined with desclation. I like thate dreary meadows, these blak stretches of melancholy moorland, these wild hars at 11 wons. "At the pre cut roan of I am encamped in

a sp t where, in all probable at I shall remain for days. I came up n it quite by accident a out midday yes orday, ween on my way to the maket town of Pen roes; or, rather, when I imagined that I was going thither, while I had, in real to, after heritating at three cross-roads, tak in the read which led in exactly the one ite direction. The way vas des late and dreary beyond measun-draches of moves and moorland on every sale, occasional y rising into heathery knells or hillor s, or strewed with huge Lieces of stones Lke the moors of Cornwall. Fresently the corn mooriand ended and we entered a region of sandy lillicks, sparsely ornamen d here and there with long, has h grass. If one e ald imagine the waves of the ocean, at so e moment of wild agitation, suddenly frozen to stillness, and returning inta t these temper your forms, it would give some idea of the hillocks I am describing. They rose on every side of the road, ear pletely shutting cut the view, and their pale, livid yellowness, scarcely relieved with a glimpse of greenness, was wearisome and lonely in the extreme. As we advanced among them, the road we were pursuing grew worse and worse, till it became so choited and covered with de fied and as to be scarcely recognizalle, a dl need hard fray that it was hard work for one horse to pull the curavan along, "We had proceeded in this manner for somothiles, and I was beginning to realize the fact that we were cut of our reckoning, when, suddenly emerging from between two sa alhills, I saw a wide stretch of gre n m aand, and beyond it a glori'd lpiece of writer. The sun was shaing beightly, the water sparkled like a mirror, sain as glass, and without a breath. As we appeared a

"Still as a store, wakout a round, Above his dan bae shaa and sailed leisurely amar. Around the lake, which was about a raile in circum, was a the read ran winding, till it reached the farther side, where more saudhills began; but between there sandbills I caught a sparkling glizz se of more water, and, guild to my concl. ion by the red sall of a fishing smack just glimmering on the h rizen line, I know

large h ron rose from the spot on the water

side where he had been standing-

that far her water was-the sat. "The spot had all the attraction of comple e de elation, combined with the charm which always, to my hand, pertains to lakeand lagons. Eager as a boy or a locsened retriever, I ran across the meadow and found the grass long and green and sown with innumerable crewsfoot flowers; underneath the green was sand again, but here it glimmer 11 ke gold clust. As I reached the sedges on the kide side a teel rese, in fu'l sammer planage, wheled swiftly round the lake then, returning, splashed down boldly and swam within a stone's throw of the shore, when, peering through the rushes, I caught a glimpre of his mate paddling anxiously along with eight little fluffs of down behind her. Then, ju tout ide the sedges, I saw the golder shield of water I oken by the circles of rising trout. It was too much. I hastened back to the cararan and informed Tim that I had no int mion of going any farther—that day,

"So here we have been since yesterday, and up to this, have not set eyes upon a single soul. Such peace and quictness is a foretaste of Paradise. As this is the most satisfactory day I have yet spent in my pilgrimage, al though it bears, at the same time, a family limines to the other days of the past fort night, I purpose setting down, verbatim, seriatim, and chronologically, the manner in which I occupied myself from dawn to sun

"6 A. M. - Wake, and see that Tim has al ready disappeared, and folded up his ham mock. Observe the morning sun looking in with a fre h, cheery countenance at the wirdow. Turn over again with a yawn, and go to sleep for another five minutes.

"7:15 A. M.-Wake again, and discover, 1 y looking at my watch, that, instead of f. minutes, I have slept an hour and a quarie. Spring up at once, and slip on shirt and trous re; the i pa s out, barefooted, into the openair. No sign of Tim, but a fire is light I close to the caravan, which shadows it from the ritys of the morning sun. Stroll down to the lake, and throwing off what garin will I wear, prepare for a bath. Cannot get out for a swim on account of the reeds. The bath over, return and finish my toil tin the caravan.

"8 A. M. - Tim has reappeared. He has been right down to the seashere, a walk of about thor des and a half. He informs me, to my dism: . that there is some sort of a human settlement there, and a lifeboat station. He has be night back in his baglet, as specimens of the local products, a dozen new-laid eggs, some milk, and a loaf of bread. The last, I observe, is in a fossil state. I ask who sold it him. He answers, William Jones.

"8:30 A. M. - We breakfast splendidly. Even the fossil loaf yields sustenace, after it is cut up and dissolved in hot tea. Between whiles Tim informs me that the settlement down vonder is, in his opinion, a poor sort of a place. There are several whitewashed cottares and a large, roofless house, for all the world like a church. Devil the cow or pig dilhe see at all, barrin' a few hens. Any boats, I a k. Yes, one, with the bottom knocked out, belowing to William Jon s. "Tim has got this name so pat that my curlosity begins to be aroused. Who the deure is William Jones? 'Sure, th'n,' say Tim, 'Le's the man that lives down beyont, by the sea.' I demand, somewhat irritably, if the place contains only one inhabitant? Devil

William Jones. "9:30 A.M.—Start painting in the open air, under the shade of a large white cotton umbrella. Paint on till 1 P. M.

another did Tim see, he explains-barrin'

"1 P. M.-Take a long walk among the sandhills, avoiding the settlement beyond the lake. Don't want to meet any of the aboriginals, more particularly William Jones. Walking here is like running up and down Altantic billows, assuming said billows to be sol'd; now I am lost in the trough of the said, now I re-emerge on the crest of the solid wave. Amusing, but fatiguing. I soon lose myself, every hillock being exactly like

another. Suddenly a hare starts from under my feet and ges leisurely away. I remember an old amagement of mine in the west of Ireland, at 1 I track Puss by her footprints now cleans and beautifully printed in the oft sand of the bottows, now more faintly marked on the harlor siles of the ridge The sun ble s dont the refraction of the a at from the said is overpowering, the at s quivering, sparkling and pulsating, as i full of impimerable sand crystals. A horr ale coak from overhead startles me, and

coking up I are an enormous raven wheeling

sing inch les and searching the ground for mesorether prev. "La gat ny watch, I find that I have been to ag in the said wilderness for quit the hurs. This to get back and dine their be nearest billock, and look round discover where I am. Can see nothing be the samely billows on every side, and ar entirely at a loss which way to go. At last alter lalf an hour s'laind wandering, stur ble, branchent, on ther ad by the lake side and set le caravan in the distance, "4 P. M Dinner, Ball d polatoes, boile ergs, fr. d bacon. Tim's cooking is prin ...e, b. I could devour anything-eve Wanted Jas fessil bread. I asked if an hu han being has visited the camp. 'Sor

Tim ta tooking ra her disappointed

Le has got to ! of himself a public character.

and takes too fornage of the vulgar.

"Paint to an till 6 P. M. "A beautiful sunset. The sandhills grow rosy in the light, the lake deepens from crimon to purple, the moon comes out like a silve d kie over the sandy s.a. A thought seiz the as the thadows increase. Now is the time to entire the plack from their d pths in the lake. I get out my fishing rod and line and, stretching two or three flies which seen sui'able, pr pare for action. My tol is only a small, single-handed one, and it is difficult to cast beyond the sedges, but the fish are ris bug thinkly out in the tranquil pools, and, deher and no to be besten, I wade in to the the of a small lerring, reward my enterprise. up the voil o soud hais, and it is quite dark "zuen is the chronicle of the past day. the light of my lamp in ide the caravan I have written it down. It has been all very tranquil and uneventful, but very delightful, and a day to be marked with a white stone, in one respect—that fr in dawn to sumes I have not set eyes on a human bang except

my servant. "step, though! I am wrong. Just as I was returning from my piscatorial excursion to the lake, I saw, passing along the read in the direction of the sea, a certain sel tary horseman, who accosted me not too civily on the road side the night before last. scowled at me in passing, and, of course, recornized the by the aid of the caravan name is Monk, of Monkshurst, and he see to be pretty well monarch of all he survey: I have an impression that Mr. Monk, of Monkshurst, and muself are destined to be better, or worse, argumend."

FIRES IN "SKY-3CRAPERS."

The "Fire-Extinguisher" the Last Thing Thought of -"Fire Proof" Buildings

[Chicago Times.] There is some sort of apparatus designed for extinguis mg incipient fire in almost every high builting in this city, but the chances are that there is not a person in the building that under tand how to use it in case of need. The directions for use in a fire may be plais and comprehen ive, and they may afford all the information needed. Perhaps a me person stopping in the utild-ing real them as a matter of cario ste was a the apparatus was first put in. I. suc a was the ca c, the prospect is that he f r ot all that he ever knew about them in a few day. He never experimented with the new fangled fire ex .ngui-her to a certain ".ow tas old thing worked," and would probably be a raid to use it for fear of injuria; his per on or coties.

The first thing that a woman is likely to do when a fire breaks out in a sudding is to scream. The first thing the man is likely to do is to try and save his valua le papers. The next thing both of them will then do is to make their escape. The last thing any one tank of is the fir-extinguisher. H dee not think of that till he is out of the building and the flame cut off the way int

Nearly all the very high buildings now erected in large cities are represented as fireproof. Perhaps it was the intenti n of the builders to have them such. Tue walls are made of brick or stone, iron is employed insteal of wood to form most of the support, and the partition walls are composed of substan e, that will not burn. Still, the ordinary "cre-proof" building contains a very large amount of wool. The flor, door-calling, door-, and furni hings

are all wool. The rooms are filled with furniture of different kin 1, all of which is made of wood The quantity of books and papers in an ordinary city dwelling or office building is sufficient to supply materials for a fire that would en lan e the live of the inmates. They will produce flum satest will cau e a panic, and make smok) that will be likely to blind or suffocate the e who attempt to escape. The people of Chicago have learned to their sorrow how little reliance can be placed in the claims of traproof" buildings.

Gen. Custer's Introduction to Dakota [Globe-Democrat Book Review.] The introduction to Dak ta when the Seventh calvary arrived there, under Cu ter's command, in April, 1873, and pitched its tents near Yankton, was a specially forbidding on . It was a cold afternoon the wind was blowing keenly, the sky hallom nour streaks in it, and at night a blizzerd came on. The soldiers were ord rellito town with their horses, only a campeauril being left behind; and the general and his w to remaine I near by in a chance cabin on the open prairie. The sterm raged for turty-ix hours as only a storm can rage in Dakota, where there are "eight months of winter and four of very late in the fall," and no communication could be had with the town, only a mile away.

The snow came down in great sheet, and drifted against the cabin in such a way as almost to cover it. Sildiers who hal lost their way came and hal to be let in, bewildered and marly frozen to death, and to their groans of pain was added, on the outside, a ove the blizzard's raring, the braying of terrified mules, the neighing of horses in distres, and now and then t e howling of a lost doz. "The door was pried open ence," Mr. Custer says, "timking we heard the cry of a fellow-creature, and the strange, wild eyes of a horse, peering in for help, haunted me long afterwards." Relief came at length, but not until after several futile attempts had been made to get through the intervening snow, in which the men floundered and sank almost out of sight, even in the streets of the town. Fortunately, no lives were lost, though the soldiers left in the camp suffered severely.

"After that," Mr. Custer observes, "wounderstood way the frontiersman builds his stable near the house; we also comprehented them when they told us that they did not dare to cross in a blizzard from the house to the stable-door without keeping hold of the rope tied fast to the latch as a guite for their safe return when the stock was ad."

The Coming American Actress [Chicago Times.] The coming actress must be sought in the

south. The Florida Herall says; "Under the softer skies and balmier air of the farther south, in the glow of its fervid sun, a-young girl is growing up, tall, stately, beautiful, with the passionate throb of genius in her breast, and in her radiant eyes the glow of promise as rich as the rosbud's hope. We expect to see her at the head of American actresses, and it is proper that the passionate south si ould give her birth.". The luture of this stately beauty with the "passionate throb of genius" might be more easily foretold if it were known who will

make her stage wardrobe, and how exten-

sive it is to be.

A THOROUGHFARE.

A "SCIENTIFIC STREET" FOR A GREAT CITY.

A Surface Void of All Immovable Obstructions, with Underneath Spaces for Cars, Sewers, Telegraph, Telephone and Electric Light Conductors.

[Prooklyn Eagle] While the problem of rapid transit by elevate i roads i in cour e of gradual soluti n engine r. in a men of business are considering more emention plans for this city and N.w Y. ik, involving the construction of what is carled "the scientific street." When this hi .. way of the future is completed its surface will be free from all obstruction which can in orfere with the original uses of a thoroughlaire, while railroads and telthene wr. will run beneath the surface. De criptio s of h work have already been published, and an especially intereding account of it was given by Mr. R whint R. hazard in a paper read before the American In tiute of Engineers at its meeting in Patin ie phia la t year. The following exto et win sa lecientiy in livate the nature of the plan as proposed for Broadway, New

THE GENERAL PLAN.

The roa lway between the curb furnishes all the acc tain dation required for all purpoles. It s invided into two sections; the one centrally place i affords accommodation for way and extres tunnels. The sections on either the disposes of the existing impeliments of the retat the point of access to the acut in ; a use. By this disposition of the stret h requirements are fulfille i A smooth, not ele's and unob tructed surface is provided for pedestrian and vehicular traffic. L'enfess and way trains for ratel tran-it. P-rmanent having for ever. water, ga , de im. puedimitte, electric co iductors and papes, with access through at fer as econ, an all the case, in immedate contect with the premies waere the comector are to be mare. In neither ex press nor way stations is private property taken, nor at a y paint does the structure abut private premises, even during construct.on.

CONSTRUCTION. The moth der construction is as follows: stret excave on is effected in sections, and i goversed ov he extent and character of the traffic. A am or a platform of concrete, about two f et a thickness, floored by haif inca of Translat aspualt, is laid, extending ner ss the s r .t at the maximum be edepth of about sevent en feet, forming a foundation for the w on structure. Upon tars is erected the . x. rnal vault wall, securing to the abutting reprietor the permanent use of the whole v tit and area unli-turbed ter ugaon the standard section. This vanit wail is listed wante under con truction with suitable e ripetions for gas, steam, electricity, sewer and water at every house. This will is also the external wall of the pipe galhere, arrangel adjacent to either curb. The galleries are subdivised longitudinally and commandly, by beams riveted to their internal an . reserted in their external walls

WIRES AND PIPES. Access throughout is provided at the termini and training, and they are calculated for a ce s to, mousing and inspection of the tutes pipe al ware. The electrical conan tors of ta variou telegraph, telephone, lighting, bur jar alarm, missenger companies are arranged anti-inductively, upon shelve, rive et to the roo, and gallery beams. There being no permanent floor ab ve the a undation, the pipes in either g llery are accessible from above or below. Street opening for repair, replacement or connection is thus woolly obviated. The internal france supporting the galleries is f rmed iy iron column , place I four feet apart, and coincident with those forming the outer wal of the way railway tunnel. These column; are composed of two angle irons rivered, and rest upon a continuou g. anite .c.m lation.

TOUR RAILWAYS. The pare remaining between the pipe gallerie is disposed in four railway tunnels, for the a c mmodat.o. of an up way and expre sant a down way and express train, These tunn is are for ned by five rows of column, each composed of four angle irons, arrangel angitudinally four feet apart, resting on a continuous granite bale, the space between the columns at the foundabion and the roof being filled by a panel composed of a tough, non-resonant material. Tur panel milils a double function: it compares the tunnel for purposes of ven tilation, and it prevents resonance, which mint be raused by the rapid passage of a train tar ugh a tunnel with metallic walls.

THE ROOF SUPPORT. The ro f is apported a id the whole structure fiel beams placed four feet from center, will hextend across the entire span, belter at every eight feet to the tunnel co umn, the end, being inserted in the vau.t wali. Upon these beams the steel ten incu span tuckle plate roof is laid and tottel; ov r tais is a two inch skin of Trinidat is at, is a procector from chemical conta ten . dampness and as a slight cushin. A ove this is placed six inches of concrete, water completes the permanent street. This structure as a whole contemplates' the min mann of excavation, the maximum of capacity, the greatest number and most equa. i ir bution of points of support, and con equent maximum of strength and stiffnes in use.

VENTILATION. The railway tunnels form open cylinders from tation to station, and the trains being of as pr ximme cros section constitute loose piston a ways moving in the same direction; the above us effect is the establishment of a venti a mg current, dependent for its force upon the approximation of cross section and the speed of the trains; as the pro lu ts of arcificial combustion are excluded from the tunnels the requirements of vent lation are reduced to a minimum, and perfe tly performed. The traffic rates and the electrical e nductor conduit and the rail guard are belied to the same steel tie, which arrangement secures erfect alignment, the tie being permanently set in the concrete foun aton. While it is not essential to the plan the midern word pavement now used in London and Paris should be substituted for the noisy granite.

Grapes Without Irrigation. [Chicago Journal.] A company, cultivating 2800 acres of vinevar is in the footaills of Sacramento country, Canfornia, has abandoned the use of irrigation for wine grapes. The company has pleaty of water at all times, but experience has convinced the management that the best wine is made from grapes not irri-

gated, and that the vines thrive without irri-

gation.

Western Divorce Market. [Exchange.] The divorce market in a western city is thus tersely summarred by a local journal: "Brisk competition among our local lawyers his brught down the the prices of divorces. We quote: Common separation, \$15; small aliminay, \$21; large alimony, \$50 to \$100, according to circumstances. Business good and increasing."

Railroading in Idaho. [Chicago Herald "Train Talk."] "He lo, old man, where are you bound?" inquired the conductor of an acquaintance in the sm king-car. "Going back east," was the response, rather sourly. "Have you quit railroading out in Idaho?"

"Yes, I have." "What's the matter?" "Oh, I don't want to run a locomotive in a country where towns die off so fast that in the place where we get our dinners one day the next day we stop as usual and look all around, but not a shanty is to be seen. I like my di ner r gal-riy, I do, and no more Idaho in mine, please."

A PHENOMENAL MEMORY. Ams! Smith, of the Document Room on

the Top Foor of the Capitol. (New York Graphic. If you want to find the most unsering and para menal mem ry in Washington, comb to the top floor of the capitol, at the enate wing, bout t e document room, and inquire for Ame Smit . You will be met by a tall,

siender gen leman of pleasant address. kully gray eye, and quark movement. Around bin on every side, arranged in the num-rous shilve, first according to congre se, and next by number under each congres, are the countless bills resolution . et ... waica a piring statesmen have inunched on both houses since the very earliest days. It is a recontory not of what congress hadone, but of what the innumerable caravan of wise mer and cranks wanted to 4 -for Smith keeps a record of the bills regardless of their legislative fate

Of course they are carefully indexed by name and theme, but Smith's memory doesn't need this crutch. The members in preparing bitle or report, are alway, anx lous to know if any steps have heret fore been taken in the same direction, and the ora le to consult in each ca e is Smith. You ap worth Smith on the subject, no matter wast it i, no matter how long ago, and, after pulting the front lock of his hair for a mount and giving a squint at the coiling, he will remark, for instance "Why, yes, you'. list a report of that in 39 of the secon 1 33 t (meaning document 39 of the secon is sao to the Thirt sthird congress, and he will go for it with the inst not of a ferret During an almost daily intercourse of soveral years I never know him to make a mis-

Let me give an intere ting story about him. Some five years ago he was taken sulden y sica, and the tr mile soon assumed the shape of a tever and attacked his head. The s dicitous se laters mist ted on daly reports or his condition from the quiet little country house a few miles from Washington. For in my days, as the di case gained on him, it seemel dubious for Santa and his cyclose oc brain, and c rrespondingly gloomy or the proofs men was depended on his realy stock of knowledge. But the clouds broke at last, fortunately, and he began slowly to mend. The nature of the complaint led everyone to fear that poor Smita might have wre kal his brain cargo during tas mental storm through which he passed It was a balmy morning in May when Amzi began his return ong og ment at the old desk, and I was one of the first to try whether his train would answer rollcall in the good old way. So I aske! waether ther, was any document giving the mitted into the Union. He squinted at the ciling for a few seconds longer than usual, but at last he caught the spirit of revival borne in through the win lows on the ole som-laden air, and replied:

"Y's, it was in 1874, in the Forty-third, that a report was made from the house comtitles on territorie, in which this intelasence wa conveyed. I think it was 501 of the first."

That was then seven years before, and no me had asked for it since the day it had be in lumped in with a grist of documentary rubbish and quietly taken its nook in the caverns of Amzi's head.

H: does not trouble himself to inquire, m slest gentleman that he is, whether this gift i- natural or acquired. He takes what the gods have sent, without any horaof wing or airs of superiority, satisfied that he is useful, an i content with the comp nsation thereunto attache !.

The "Sage Brush Linnet." [Chicago Herald "Walks and Talks."] "I hear I that little sage brush girl sing the other night," said a Nevada man at the Pilmer house, "and I went and paid my \$251 with a double interest. First, she is a Nevada girl, and I knew her father; nex .. I'm a great admirer of John Mackey, her friend and backer, and, third. I happened to be on the Battle Mountain stage when she went over iron: Austin to go to the railr al on her way to Euro e, eigat or nine years ago, I don't remember which." "I well rememier, however, seeing Dr.

Wixom getting the baggage on the stage and the troops of young mining town ladies to see Little Em Wix m,' a everybody called her, off. She was considered a great rolligy up in the sage bush, and the base ranger? thought she had a voice like a linnet. She was about 18 year, old the and awfully ugly. (She's improved a great deal since then in looks). I remember it was a very warm day that we started out over the de ert to ride the ninety-five miles to Batile Mountain. 'Little Em' wore a big straw hat, a linen duster, and her face was as full of freckie as a pepper box is full of holes. She sat up with the driver most of the tim (I at right behind her) and the way she rattled on was amusing to the crowl. Sme of us thought she was juit a little too

'leart.'" "They had a great time bidding her good bye at Au ta. The mining superintendents were there nl their wines, and, of course, the local editor, Fred Hart, a little Jew, who wa, said to be much in live with the mailen. came with a natty cane and a pluz hat which the miners wanted to 'shoot,' Miss Wixom frowned on the editor's suit, and he had the meanness a terward to abue both her father an i her elf. Nobody then thought the little pug-nosed, freckled-face, countrylooking girl, who was then only known as a base range piano banger and a Silver Tiread Among the Goll' vocalist, would ever become a prima lonna at \$1,000 a night. But the i, such & life. Pluck wins. and we could all see on that Battle Mountain stage that day that the Austin girl had lots of it."

The Terra del Fuegans.

[Norristown Herald.] The people of Terra del Fuega are unable to distinguish one color from another; they have no religion and no funeral rite; their only weapons are bone-pointed spears, and they grow neither Scuit nor vegetables. And yet they are to be envied. They have neither a congress nor a state legislature, and are never leard whistling "Climbing up de Golden Stairs."

The work of widening the Suez canal, which is now definitely decided upon, will, it is estimated, occupy two years. Senator Vest, of Missouri.

[New York Graphic.] . There are very jew really con-picuous memories in public life at Washington. Among the happy possessors of this treasure are Boo Ingersoll and Senator Vest, of Missouri. With both it is a natural gift, cuitivated to a high pitch of perfection. The two men are strikingly in contrast. Ingersoll, a man of easy, regular habits, perfect and imposing physique, the very picture of one who lives well, never worries, and thinks to please himse f first and the world last, Vest, on the other hand, is variable in his moods as an April sky, jubilant and the prince or story-teliers one minute, gioonly and specialess the next. A small, angularshouldered, sunken-chested specimen of humanicy, wearing always a cynical look on his pinched features. Only at old times does he arouse him elf to some special occasion, and give the country a test of hi. oratorical quality.

He and Ingersoil have the same views on religion, and both are throughly at home in biblical lore. Mr. Vest. it i said, can recite nearly the entire Bibls rom memory (though he probably doesn't devote five minute in a month to the theory of redemption), and his mind, like Ingersoll's, is a storehouse of illustration and quotation. Mr. Vest is also famed in Missouri for his power of citing precedents in court. They say he can give the number of a page from memory, though he has not seen it for years.

Considerate. [Philadelphia Call.] It is stated that out of 100 men who par-

ade in a brass band at least forty are dum. mies and only pretend to play. It will be seen that bands are more considerate than is generally supposed.

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